

COPPER Test Paper

for the rapid determination of copper

Colour reaction:

In the presence of copper (II) ions, the test paper shows a green spot against a white background.

Method of application:

Apply a drop of the neutral or weakly acid (pH 3-7) test solution to the test paper. In the presence of Cu^{2+} , a green spot appears. Small quantities of copper produce a small green ring.

Limit of sensitivity: 20 mg/l Cu^{2+}

Interferences:

The test paper reacts specifically to copper and other cations do not interfere.

If the test solution is too acidic, the intensity of the colour reaction is sharply reduced. This interference can be eliminated by the addition of crystalline sodium acetate to the test solution (pH 4-6) or by exposing the test spot to ammonia vapors.

Note:

For the detection of copper on surfaces and in alloys, for the detection of pores in metallic coatings on copper-containing base metals, in criminal investigations (bullets) and for the detection of copper-containing pesticides on fruits and vegetables, the specific and highly sensitive CUPROTESMO test paper is recommended.

Product data and ordering information

Type	Qualitative test paper
Presentation	Pack of 40 sheets 40x25 mm
Color reaction	yellow-white to pink-purple
Limit of sensitivity	0.05 μg on surfaces 3 – 5 mg/l (ppm) Cu in solutions
REF	90729

CTL SCIENTIFIC SUPPLY CORP. 1016-3 Grand Boulevard Deer Park, NY 11729

Tel: 631-242-4249

web: www.ctlscientific.com

Manufacturer: Macherey-Nagel GmbH & CO. KG